

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/09813

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ G06F3/033

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl.⁷ G06F3/03-3/037Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003
Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X Y | JP 6-301479 A (Sony Corp.), 28 October, 1994 (28.10.94), Column 3, lines 24 to 28; column 6, lines 1 to 12 & US 5739813 A & EP 0620531 A2 | 1, 6, 8 9 |
| X Y | JP 5-181603 A (Hitachi, Ltd.), 23 July, 1993 (23.07.93), Column 2, line 38 to column 3, line 4 (Family: none) | 1, 6, 8 9 |
| Y | JP 5-80925 A (Hitachi, Ltd.), 02 April, 1993 (02.04.93), Column 3, line 35 to column 4, line 13 (Family: none) | 9 |

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

| | |
|---|--|
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| "E" earlier document but published on or after the international filing date | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" document member of the same patent family |
| "O" document referring to an oral disclosure, use, exhibition or other means | |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
09 October, 2003 (09.10.03)Date of mailing of the international search report
28 October, 2003 (28.10.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 5-210461 A. (Sony Corp.) 20 August, 1993 (20.08.93), Column 8, line 24 to column 9, line 42; Fig. 3 (Family: none) | 1-16 |

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